



Defense Logistics Agency

Supply - Transportation Interface

by

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Briefing for:

Supply PRC

April 10, 2008



Background

- **USTRANSCOM Information Data Flow IPT (July 24-25, 2007)**
 - Identified several “air gaps” as systems hand off data to one another
 - Problem:
 - Manual processing by downstream system
 - Decrease data quality due to human intervention
 - Increase processing time due to manual work
 - Chartered Standard Transportation Interface sub-IPT to document gaps, identify standard transactions and propose “way ahead”
- **Standard Transportation Interface sub-IPT (August 2007)**
 - Top priority gap: lack of seamless interface between retail supply and transportation systems at origin
 - Need two-way standard interface for supply receipt and acknowledgement
 - Pre-lodge release order (material, disposal, and lateral) data to transportation
 - Allow for supply follow-up requests and status responses
 - Allow for cancellation requests and associated acknowledgements
 - Provide material release acknowledgements to supply
 - Provide flexible solution set for legacy and DLMS compliant systems
 - No changes to legacy retail supply systems
 - Use existing transactions to maximum extent possible



Project Participants

Organization	Role
USTRANSCOM J6	<ul style="list-style-type: none">• DTEB• Standard Transportation Interfaces IPT
DLMSO	<ul style="list-style-type: none">• Identify standard DLSS/DLMS transactions• Conduct gap analysis
HQ USAF	<ul style="list-style-type: none">• Sponsor requirement• Provide legacy interface documents for baseline
CMOS	<ul style="list-style-type: none">• Prototype DLMS interfaces• Commence development in 2008
DMLSS	<ul style="list-style-type: none">• Prototype DLMS interfaces• Commence development in 2008
DAAS	<ul style="list-style-type: none">• Route transactions between designated systems
	<ul style="list-style-type: none">• Map between legacy and DLMS₃ compliant systems

fighter Support

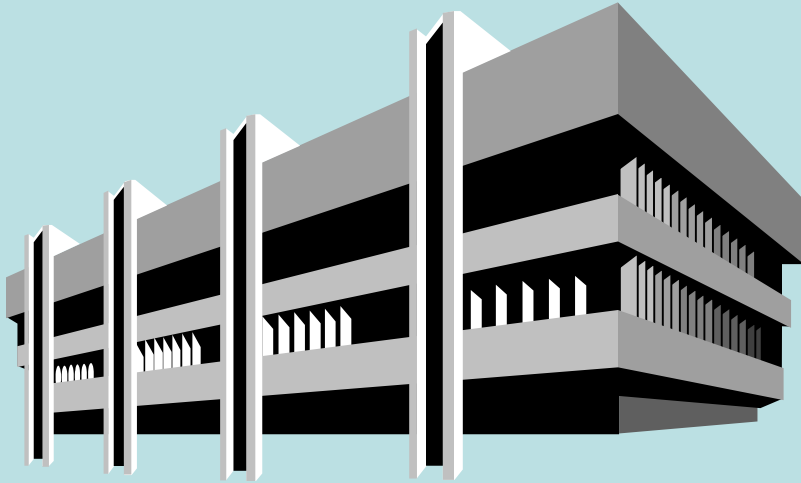
Stewardship

Growth & Development

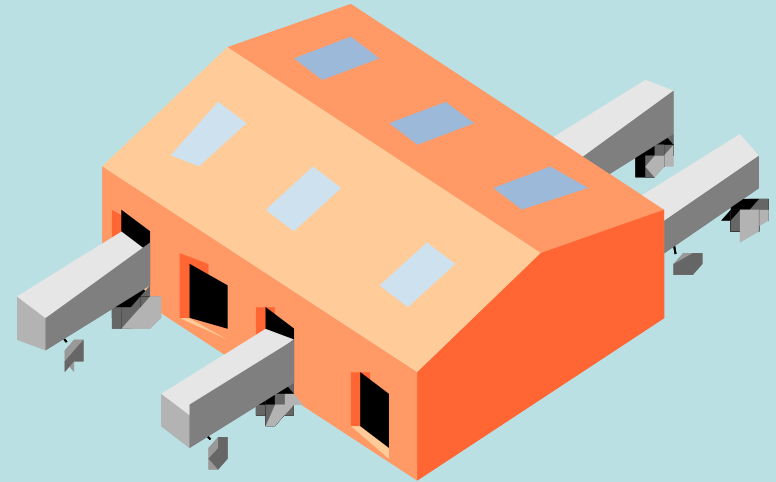
Leader



Virtual Warehouse



**Retail Supply
Warehouse
(e.g., DMLSS)**



**Transportation
Docks
(e.g., CMOS)**



DLMSO Approach

- Two-phases:
 - Phase I: Stock transactions (e.g., DD1348-1A)
 - Phase II: Non-stock transactions (e.g., DD1149)
- Initial focus is on Phase I
- Commence Phase II analysis in Summer 2008



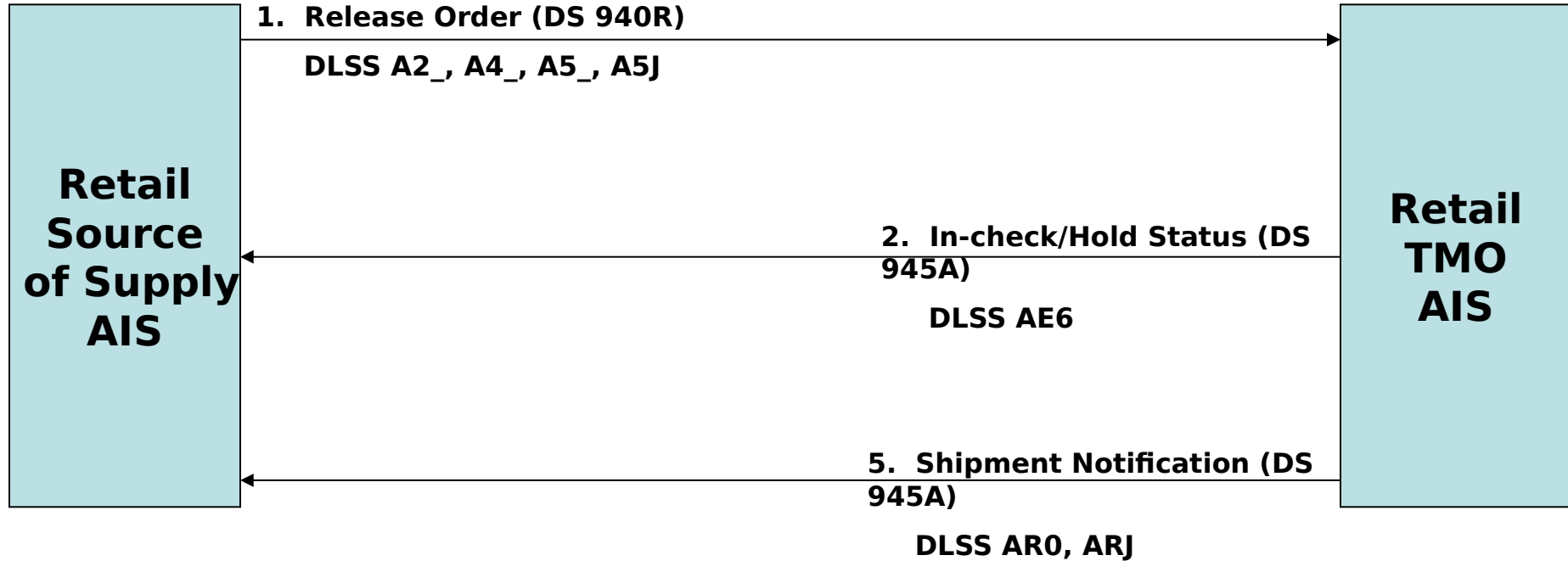
Phase I Approach

- Identify data requirements
 - MILSTRIP guidance
 - Interface agreements (general cargo, ammo, medical)
- Identify candidate DLMS EDI/XML
- Perform gap analysis
- Develop near & long term courses of action (COA)
 - Near-term: Use DAAS to provide interim capability without impact to supply domain
 - Long-Term: Fill gaps via PDC/ADC and implement in Service ERPs and other DLMS-compliant systems



Functional CONOPS

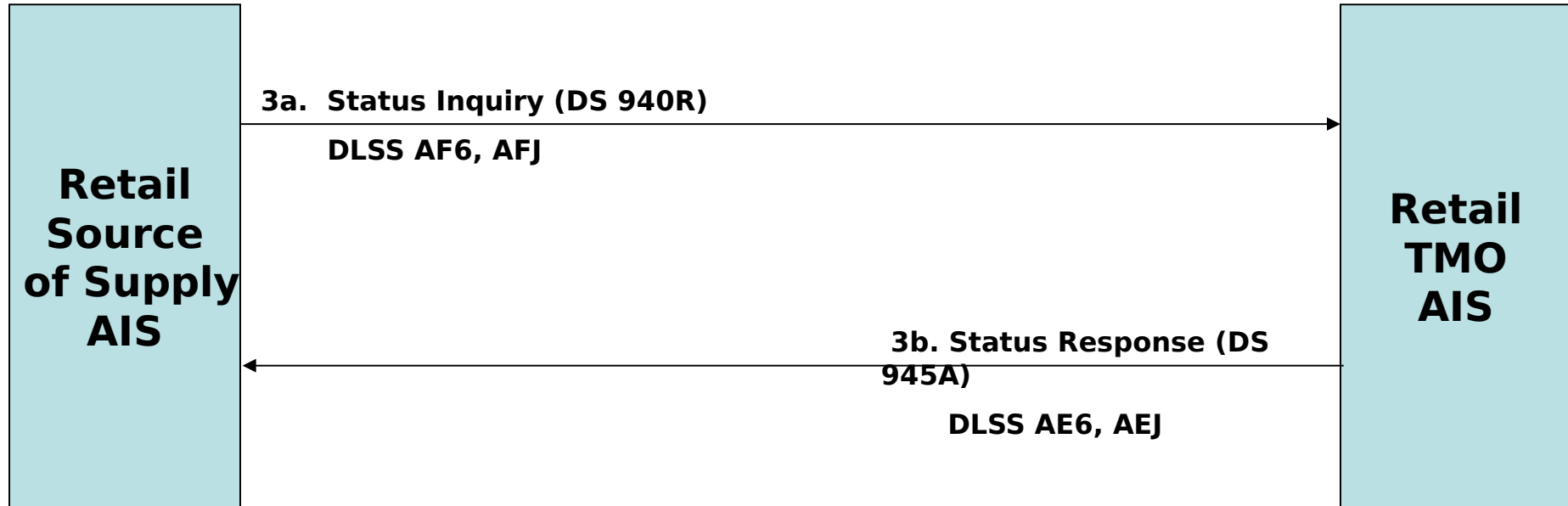
(Normal Process)





Functional CONOPS

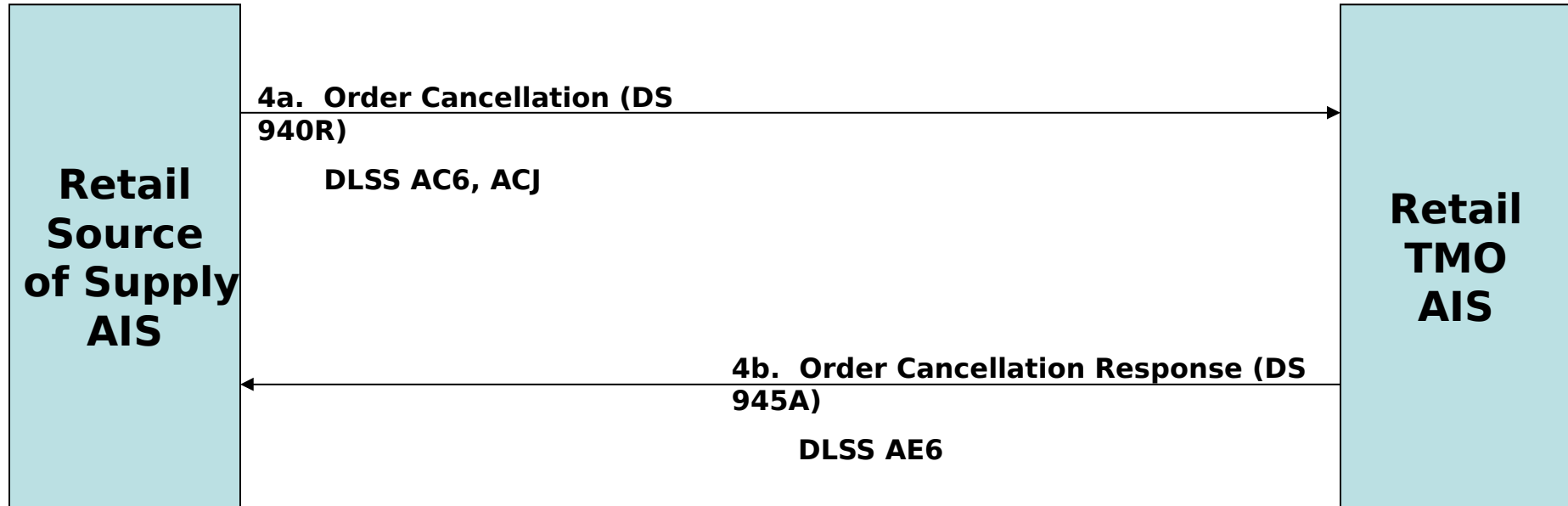
(Status)





Functional CONOPS

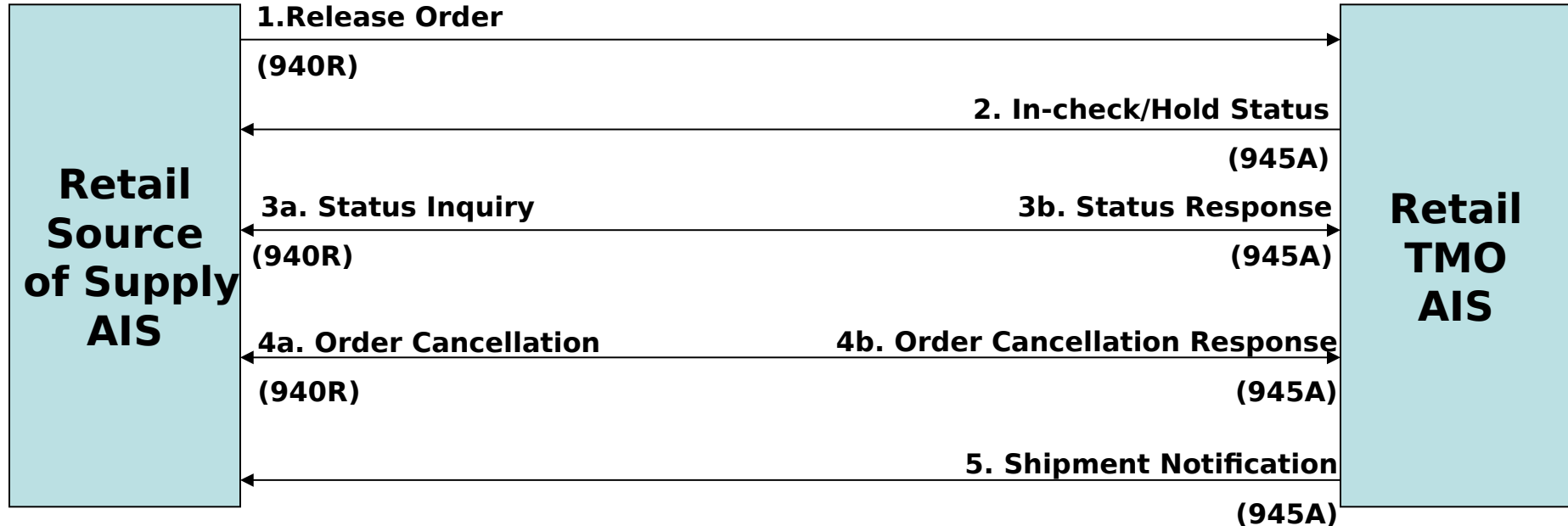
(Cancellations)





Functional CONOPS

(Overall)

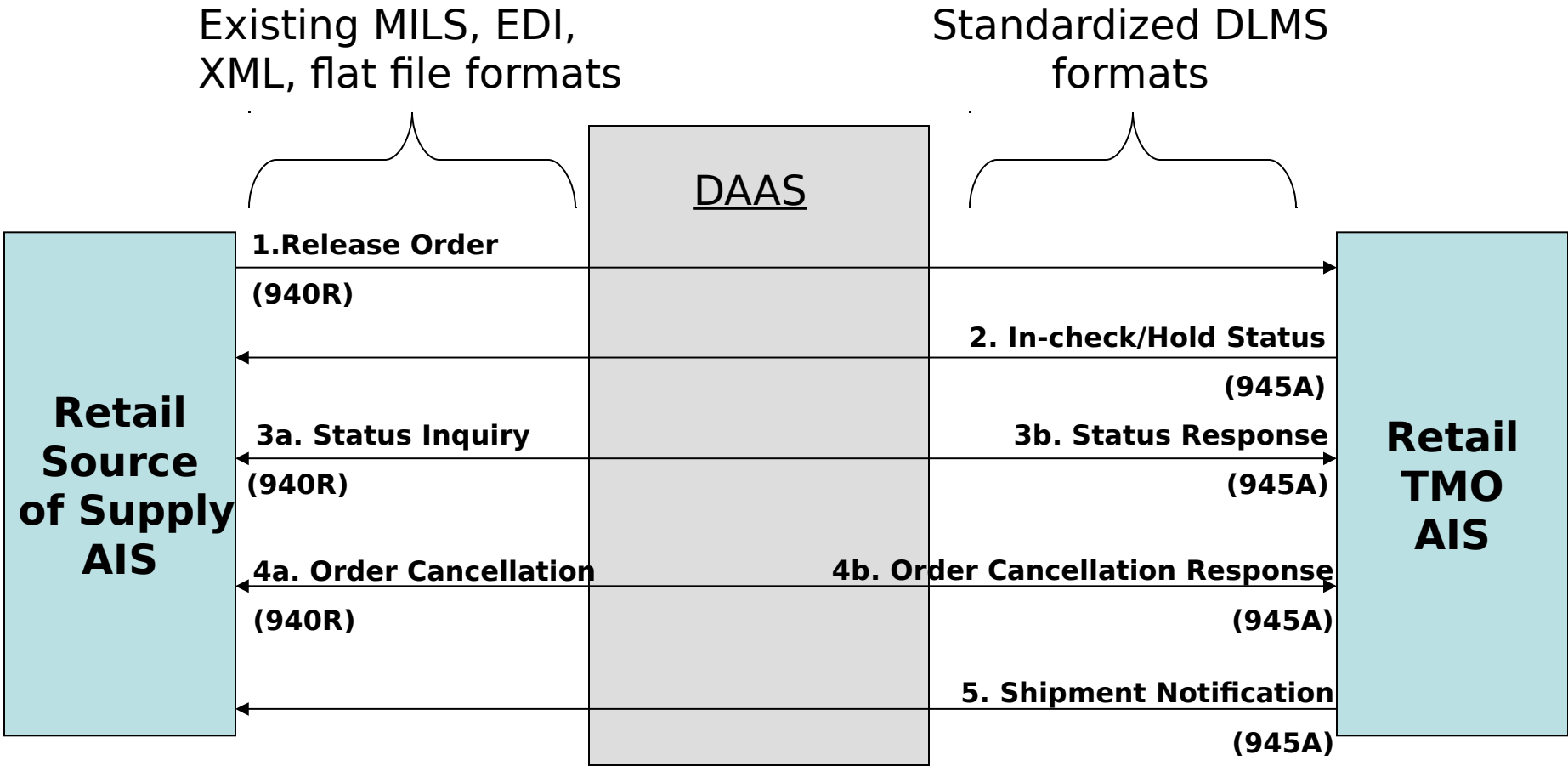


Designated transactions are still under review and are subject to change based on data requirements and gap analysis



Proposed COA

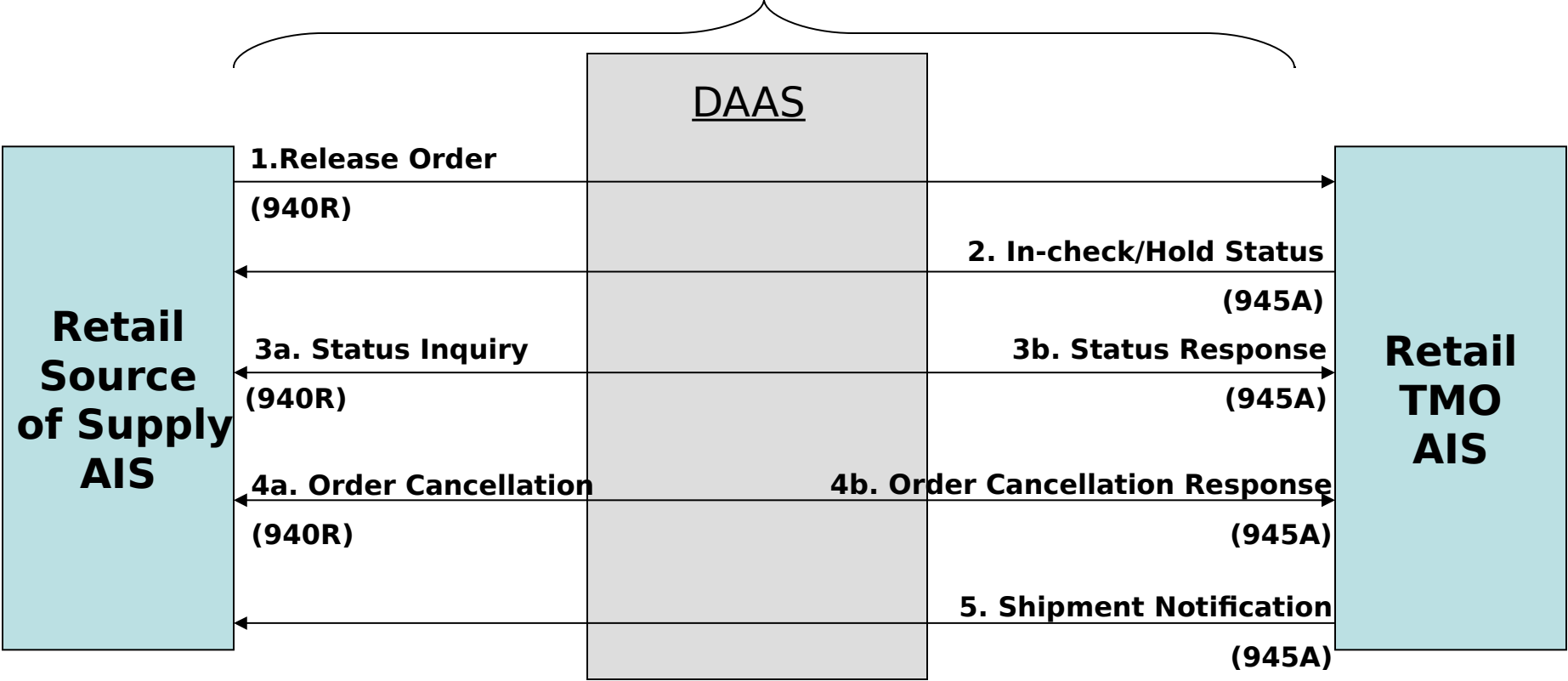
(Near Term)





Proposed COA (Long Term)

Standardized DLMS
formats





Status

- ✓ Identify data requirements
- ✓ Identify candidate DLMS EDI/XML
- ✓ Perform gap analysis
- ✓ Develop near & long term courses of action (COA)
- Deliverable to USTRANSCOM/DTEB (April 2008)
 - Conduct work group meeting with stakeholders to review analysis
 - Validate criticality of gaps
 - Finalize COA
- Submit required Proposed DLMS Changes to DLMSO/Supply PRC to fill critical gaps